

CLIMATOLOGICAL DATA FOR NOVEMBER, 1911.

DISTRICT No. 1, NORTH ATLANTIC STATES.

WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

November, 1911, in its frequent and sudden weather changes resembled a midwinter month, and was quite disagreeable in some sections, yet it presented pleasant features in others and was spoken of by many as a month of fine, open weather well adapted to the interests of all classes. However, the weather was much colder than that generally experienced during the eleventh month of the year, and the changes in temperature were numerous and pronounced. Well-defined storm areas passed over the district at remarkably regular intervals, assuming largely the characteristics of those of midwinter. Their movement was rapid, the wind velocity was unusually high for November, and the precipitation was abundant, though in some parts of the district it was slightly less than the normal. Gales wrought great damage along the coasts, severe cold waves occurred and exceptionally heavy snows fell in some northern localities.

The following table presents the leading features of meteorological interest for the several sections of the district:

States or parts of States within district No. 1.	Temperature.				Precipitation.				Average number of—	
	Average.	Departure.	Highest.	Lowest.	Average.	Departure.	Greatest total.	Least total.	Rainy days.	Clear days.
New England.....	37.0	-0.9	71	0	4.21	+0.15	8.99	1.55	11	10
New York.....	35.6	-2.1	69	-1	3.13	+0.19	8.96	0.82	11	8
Pennsylvania.....	38.2	-2.3	77	9	2.81	+0.06	5.68	0.99	9	9
New Jersey.....	41.3	-1.6	73	13	5.17	+1.77	6.50	3.17	10	8
Maryland, Delaware, and District of Columbia.....	43.1	-1.7	82	14	4.26	+1.45	8.85	1.87	10	12
West Virginia.....	39.9	-1.9	79	7	1.90	-0.05	2.76	1.27	5	10
Virginia.....	42.7	-2.3	75	13	3.26	+0.94	5.24	2.08	9	12

TEMPERATURE.

The average temperature for all stations in the district was nearly 40° , which is about 1.8° less than the normal. At several stations near the Piedmont region in Maine and in eastern Massachusetts and a few scattered localities in other States, the temperature averaged higher than usual in November, but the records of these stations seem to represent purely local conditions except in the regions of New England above specified. In about half of the district there was a deficiency in temperature amounting to 2° or more daily. This deficiency showed a tendency to increase with the altitude and exceeded 5° at four stations whose elevations are from 1,245 to 2,300 feet.

Marked changes in temperature occurred so often as to make it impracticable to describe the month as being

composed of a few well-defined warm and cool periods, as is frequently the case. At New York City, where the fluctuations in temperature are much less than at most places in the district, the variations in temperature ranged from 17° to 44° and occurred in brief periods never exceeding four days in length and sometimes being less than 24 hours. In this series of changes, which is typical of the month's weather over the greater part of the district, the warm waves occurred on the 1st, 7th, 12th, 15th, 18th, 20th, 24th, and 28th. Except on the 20th they were attended by abundant precipitation over extensive areas, and all were separated by periods of cold weather.

The most noteworthy cold periods were the 2d and 3d, the 13th to 17th, and the 22d and 23d. The first of these periods derives its importance from the fact that over the southern coast regions of the district it was the occasion of the first killing frost of the season. The next cold period of importance began on the afternoon of the 12th or morning of the 13th with a cold wave of unusual intensity in which there was a rapid fall of 30° to 50° or more in temperature throughout the greater part of the district, in many instances bringing the highest and lowest temperatures of the month within less than 24 hours of each other. As far south as Virginia the temperature fell below 20° at most stations on the 13th, and, though in the northern part of the district this cold wave produced temperatures only a few degrees lower, it caused colder weather in practically all sections than had previously occurred earlier in the season.

The highest temperature recorded within the district was 82° at Porto Bello, Md., on the 18th, while the lowest was -1° at Morehouseville, N. Y., on the 17th, but these extremes of temperature were not unusual for the month of November. The mean temperatures varied from 28.4° at Morehouseville, N. Y., to 50.2° at Eastville, Va.

PRECIPITATION.

A succession of well-developed storms passing rapidly over the district caused frequent and generally abundant precipitation. The total amount received during the month exceeded the normal for the district as a whole and for each of the sections, except West Virginia. However, there was a slight deficiency of precipitation at many of the stations in the New York, New England, and Pennsylvania sections, which was more than compensated for by an excess of from 2 to 6 inches that occurred at stations in the coast region from southern Maryland to Massachusetts.

The average precipitation for all stations in the district was 3.53 inches or nearly two-thirds of an inch more than the normal. The amounts varied greatly in the different sections, the extremes being 8.99 inches at Kingston, R. I., and 0.82 inch at Addison, N. Y. A very extensive

area received more than 6 inches during the month, but this was too near the coast to permit the occurrence of river floods. In all sections precipitation occurred at remarkably regular intervals and in such amounts as to favor the maintenance of steady stream flow and an unvarying water supply. Hence, the regions of least precipitation in the interior experienced no insufficiency of moisture while the coast regions witnessed no floods. Only two stations in the entire district reported precipitation at excessive rates and the greatest amount of rain that fell within 24 consecutive hours was only 2.72 inches at Newark, N. J., on the 6th and 7th.

The heaviest rains occurred about the 6th, 17th, and 24th. The number of days with precipitation was least in West Virginia, where the average was only 5, but in the other States of the district the number was generally close to 10, being greatest in the northern sections. At Trenton Falls and Morehouseville, N. Y., there was 0.01 inch or more of precipitation on 18 days.

SNOWFALL.

The total snowfall for the month varied from 48.2 inches at Morehouseville, N. Y., to none at several stations near the coast from Rhode Island southward. At all the stations in Virginia, West Virginia, Maryland, Delaware, and in parts of Pennsylvania, New York, Connecticut, Rhode Island, and Massachusetts there was less than 1 inch of snow during the month. Probably one-third of the district received less than 1 inch and two-thirds less than 6 inches. The remaining third of the district witnessed several heavy falls of snow. The snowfall of the 15th was remarkable. On that date, including part of the following day, 16 inches of snow fell at Morehouseville, N. Y., and 4 inches or more were recorded at 9 other stations situated in the central part of the State and representing about 10 contiguous counties. In northern New England this storm was attended by from 3 to 10 inches of snowfall.

GALES.

The wind movement was much greater than usual during the month and in many instances destructive velocities were attained. On the night of the 12th and the morning of the 13th the Atlantic seaboard from New York to Boston was lashed by a gale that attained a velocity of 72 miles an hour at New York City. It destroyed small vessels and threatened even the largest and caused the loss of many lives. A barge bearing a crew of 14 men was torn from the towing craft, rendered helpless, and carried beyond assistance. After a search

of nearly 36 hours by the United States revenue cutter *Mohawk*, the barge and crew were given up as lost. Several fatal wrecks took place in Long Island Sound. Four men were washed overboard from the schooner *Witch Hazel*, disabled near New Haven, and an unknown number were lost when another schooner went down in Plum Gut near New London. A score or more of small boats were dashed upon the beach and splintered in the more exposed parts of New York Harbor and numerous oyster smacks and other craft were piled on the beach on Staten Island.

The destruction and suffering were not confined to the sea for the force of the wind was sufficient to demolish buildings and ruin entire orchards as far inland as Middletown, N. Y., more than 40 miles from the ocean. The rapid fall in temperature, in some places amounting to nearly 40° within 12 hours, attended by sleet or snow, brought keen suffering to the homeless in New York and other cities.

RIVER CONDITIONS.

The height of the water in the Hudson, Susquehanna, and Delaware systems was considerably above the November average, but the highest stages were much below the flood line. In the principal streams the volumes of water were remarkably constant, the difference between the highest and lowest stages being generally less than 3.5 feet. At Trenton Falls, N. Y., the low-water record for November was broken on the 4th, when the gage reading was 4 feet.

SUNSHINE.

Although the month was cooler and wetter than usual, the percentage of the possible sunshine was somewhat above the normal, the average for the district being 49 and equaling that for the preceding month. The total number of hours of sunshine was only 83 at Eastport, Me., and 112 at Albany, N. Y., but over southern New England and that part of the district farther south there was much clear weather for the season, and the records for the month gave 135 to 190 hours of sunshine. Atlantic City, N. J., reported 13 days with 80 per cent or more of the possible sunshine. For the entire district the average number of such days was 8, while the average number of days with 20 per cent or less of the possible sunshine was 9. There were fewer than 5 clear days at some stations in Maine, New Hampshire, Vermont, Massachusetts, and New York, but the average number reported in these States was about 9 or nearly the same as the average for the whole district.

TABLE 1.—Climatological data for November, 1911. District No. 1, North Atlantic States.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total rainfall (unmelted).	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Maine.																				
Bar Harbor.	Hancock.	20	25	37.4	-1.5	58	7†	14	26	31	6.65	+1.50	1.60	5.0	13	14	7	9	nw.	William Miller.
Cornish.	York.	778	56	37.6	+2.5	67	7†	8	17	42	3.78	-0.56	0.90	9.5	10	8	16	6	w.	T. H. West.
Eastport.	Washington.	53	39	36.3	-5	53	13	17	23	32	3.83	-0.25	0.93	5.3	14	0	14	16	sw.	U. S. Weather Bureau.
Fairfield.	Somerset.	90	26	33.7	-1.7	60	12†	13	23	31	2.81	-0.58	0.78	4.5	6	13	6	11	sw.	E. F. Parker.
Farmington.	Franklin.	450	14	33.4	+3	59	7†	23	23	33	3.40	-0.96	0.90	9.0	9	12	5	8	nw.	State Normal School.
Gardiner.	Kennebec.	163	19	37.6	+9	67	13	15	23	40	3.76	-0.40	1.09	3.5	9	14	2	14	w.	Samuel D. Soule.
Greenville.	Piscataquis.	1,000	7	29.4	.....	58	12†	8	26	37	3.88	.....	1.13	11.0	11	16	3	11	sw.	U. S. Weather Bureau.
Houlton.	Aroostook.	362	9	31.2	.....	60	13	9	21	37	2.65	.....	1.00	11.0	6	16	3	11	n.	Bangor & Aroostook R. R.
Lewiston.	Androscoggin.	185	37	35.8	+1	61	11†	19	23	29	3.42	-1.01	1.20	8.0	11	11	8	11	nw.	Union Water Power Co.
Madison.	Somerset.	257	8	31.6	.....	62	13	9	23	34	3.67	.....	0.77	8.0	8	16	1	13	sw.	William Jardine.
Millinocket.	Penobscot.	386	8	31.8	.....	60	13	6	26	34	4.36	.....	1.25	11.5	11	6	5	19	sw.	H. S. Ferguson.
North Bridgton.	Cumberland.	450	18	35.8	-1.2	65	12	14	23	36	3.21	-1.85	0.90	15.5	7	4	19	7	sw.	G. E. Chadbourne.
Orono.	Penobscot.	129	42	35.2	+1.0	63	13	7	19	37	3.28	-0.89	0.64	10	18	4	8	nw.	Agr. Exp. Station.	
Patten.	do.	550	9	29.2	.....	60	13	0	26	37	4.02	.....	1.62	13.3	8	5	10	12	w.	Bangor & Aroostook R. R.
Portland.	Cumberland.	99	40	37.4	-2	64	7	19	17	24	3.51	-0.29	1.26	1.2	13	9	8	13	w.	U. S. Weather Bureau.
Presque Isle.	Aroostook.	505	18	33.1	-1.0	62	12	16	26†	26	2.88	-1.85	0.80	12.4	11	14	8	8	nw.	S. L. Merriman.
Rumford Falls.	Oxford.	90	16	36.4	.....	62	7†	13	23	33	3.04	.....	0.78	5.5	8	12	9	9	w.	Charles A. Mixer.
Winslow.	Kennebec.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Hollingsworth & Whitney Co.
New Hampshire.																				
Alstead Center.	Cheshire.	1,120	7	33.4	-1.6	61	12†	12	22	41	2.80	-1.72	0.60	8.0	11	13	6	11	sw.	Frank Dewing.
Benton.	Grafton.	2	29.8	.....	.....	60	11	9	17	28	3.45	.....	1.28	11.0	9	8	8	14	sw.	State Sanatorium.
Bethlehem.	do.	1,470	19	30.9	-1.7	63	12	2	17	43	2.96	-0.75	0.92	8.5	13	6	6	18	w.	Benjamin Tucker.
Concord.	Merrimack.	350	51	36.2	-6	67	12	19	17	32	3.03	-0.36	0.78	4.7	13	5	14	11	w.	U. S. Weather Bureau.
Durham.	Stafford.	88	16	36.3	-2.7	68	12	3	26	41	3.16	-1.32	1.05	6	12	9	9	9	w.	Agr. Exp. Station.
Franklin.	Merrimack.	440	12	36.0	.....	68	12	13	17	38	3.39	.....	0.81	8.0	10	9	10	11	nw.	Dr. C. P. Webster.
Grafton.	Grafton.	863	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Perley R. Kimball.
Hanover.	do.	603	77	33.5	-1	63	12	12	26	30	2.00	-1.03	0.45	6.4	13	3	9	18	w.	Dartmouth College.
Keene.	Cheshire.	506	26	36.4	-3	65	11†	12	23	41	2.70	-1.22	0.65	4.6	9	4	12	14	nw.	Samuel Wadsworth.
Nashua.	Hillsboro.	125	26	37.8	-4	68	12	20	23	31	3.72	-0.26	1.00	3.5	12	7	18	5	sw.	Jackson Co.
Newton.	Rockingham.	23	37.3	-5	67	12	15	14†	41	4.10	-0.07	1.07	T.	8	7	18	6	w.	W. C. Gale.	
Plymouth.	Grafton.	500	23	33.1	+4	65	12	12	26	39	3.15	-0.77	0.69	9.0	8	8	6	22	sw.	Hattie G. Trow.
Vermont.																				
Bloomfield.	Essex.	4	30.8	.....	.....	64	13	1	17	40	2.10	.....	0.51	16.2	13	9	3	18	s.	Lyman Falls L. & P. Co.
Cavendish.	Windsor.	910	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	M. A. Kingsbury.
Chelsea.	Orange.	840	16	31.6	-1.6	63	12†	3	17	46	1.55	-2.63	0.45	6.0	9	6	3	21	s.	W. F. Dewey.
Jacksonville.	Windham.	1,000	26	33.7	-2	61	11	10	14†	42	1.81	-2.97	0.90	5.0	12	16	9	5	nw.	Martha French.
Manchester.	Bennington.	980	12	34.4	.....	66	12	9	17	31	1.83	.....	0.51	5.5	8	3	11	16	sw.	N. M. Canfield.
St. Johnsbury.	Caledonia.	711	18	32.4	-9	65	12	4	17	41	2.50	-1.46	0.66	7.5	14	5	8	17	s.	Fairbanks Museum.
Woodstock.	Windsor.	700	19	31.4	-2.4	55	7	2	17	33	2.31	-1.20	0.58	9.0	10	2	6	22	sw.	John S. Eaton.
Massachusetts.																				
Amherst.	Hampshire.	222	22	37.2	-1.1	66	12	18	23	34	3.84	-0.01	0.88	1.0	12	1	9	20	w.	Agr. Exp. Station.
Blue Hill.	Norfolk.	640	27	38.7	-1.0	64	11†	17	21	39	5.71	+1.09	1.49	4.4	13	10	10	10	w.	A. Lawrence Rotch.
Boston.	Suffolk.	124	41	41.8	+6	68	12	25	17	28	4.39	+0.19	0.01	3	11	10	10	10	w.	U. S. Weather Bureau.
Chestnut Hill.	do.	124	31	40.8	-5	67	12	20	14†	38	4.40	-0.18	0.85	12	12	10	10	10	sw.	Met. Water Board.
Clinton.	Worcester.	370	15	38.2	.....	68	12	20	16	41	2.59	.....	0.90	1.2	11	10	10	10	sw.	Do.
Concord.	Middlesex.	139	21	37.8	-1	68	12	17	14	36	4.09	+0.15	0.96	2.0	11	10	10	10	sw.	Fred A. Tower.
Fall River.	Bristol.	200	45	41.3	-1.6	68	12	23	17	28	6.79	+2.03	1.40	0	13	8	19	3	nw.	C. V. S. Remington.
Fitchburg.	Worcester.	550	28	38.2	-2	68	11	18	17	29	3.41	-0.98	0.89	1.2	13	14	7	9	w.	Dr. A. P. Mason.
Framingham.	Middlesex.	160	31	39.8	-9	67	12	20	17†	39	4.39	+0.14	1.06	.8	11	11	4	11	sw.	Met. Water Board.
Hyannis.	Barnstable.	31	20	41.6	-3	59	12	23	23	23	5.72	+0.69	0.90	15	11	14	5	5	nw.	C. F. Sleeper.
Lawrence.	Essex.	51	27	38.2	-1.7	67	12	18	23	37	3.68	-0.52	0.01	1.2	11	7	20	3	nw.	Essex Co.
Lowell.	Middlesex.	100	26	39.4	-1	67	12	20	23	39	3.57	-0.44	0.94	8	17	3	10	10	nw.	Props. Locks & Canals.
Middleboro.	Plymouth.	53	25	40.2	-1	67	12	17	23†	36	6.80	+2.22	1.43	T.	12	7	12	11	sw.	A. R. Gurney.
Monson.	Hampden.	420	27	37.1	-1.8	70	12	17	23	32	4.16	-0.14	0.94	3.0	13	10	13	7	nw.	Dr. G. E. Fuller.
Nantucket.	Nantucket.	15	25	43.8	-1.4	63	12	28	23	32	3.30	+3.02	1.55	T.	16	4	11	5	w.	U. S. Weather Bureau.
New Bedford.	Bristol.	88	99	41.9	0	65	12	24	17	26	6.17	+1.81	1.25	1.25	9	20	2	8	nw.	City engineer.
Norfolk.	Norfolk.	244	8	38.6	.....	68	12†	16	14†	46	5.46	.....	1.40	T.	8	9	7	14	w.	Ruby H. Martyn.
Plymouth.	Hampshire.	205	3	37.1	.....	64	13	18	26	45	3.12	.....	0.84	2.0	10	9	17	3	nw.	D. E. Hoxie.
Plymouth.	Plymouth.	26	39.9	.....	.....	63	13	20	23	40	6.68	.....	1.50	0	10	25	0	5	nw.	Laura B. Knapp.
Provincetown.	Barnstable.	40	24	42.0	-1.9	58	7†	24	16	27	3.50	-0.10	1.05	.....	10	12	10	8	nw.	Gideon Bowe.
Rockport.	Essex.	25	9	41.2	.....	61	12	20	17	29	2.67	.....	1.25	.....	10	12	15	7	nw.	C. F. Bearse.
Rutland.	do.	1,160	9	35.0	.....	64	11	16	13†	41	4.06	.....	1.25	.....	10	12	15	8	nw.	State Sanatorium.
South Egremont.	Berkshire.	764	9	32.3	.....	62	12	10	23	32	3.35	.....	0.74	9.0	12	15	7	8	w.	Roscoe C. Taft.
Turners Falls.	Franklin.	200	20	38.2	-1.0	65	12	15	23	35	4.52	+0.46	0.96	2.8	8	10	12	10	nw.	Turners Falls Co.
Westboro.	Worcester.	298</td																		

TABLE 1.—Climatological data for November, 1911. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.					
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmetted).	Number of rainy days, 0.01 inch or more.	Number of partly cloudy days.	Number of cloudy days.				
Connecticut—Contd.																					
Southington.....	Hartford.....	140	42	39.0	+ .6	68	12	16	23†	39	4.35	+ 0.47	1.30	2.0	9	6	19	5	nw.	Luman Andrews.	
Storrs.....	Tolland.....	640	23	38.0	- .9	64	12	17	23	37	4.39	- 0.05	1.45	0	10	10	5	15	w. se.	Agr. Exp. Station.	
Torrington.....	Litchfield.....	625	10	36.9	.....	66	13	14	23	43	3.24	.....	1.05	0	10	19	2	9	.....	Prof. E. H. Forbes.
Voluntown.....	New London.....	200	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Frank S. Bitgood.	
Waterbury.....	New Haven.....	400	36	39.6	- 1.0	67	12	17	23	39	4.48	+ 0.09	1.26	2.0	11	.....	.....	.....	N. J. Welton.	
New York.																					
Addison.....	Steuben.....	1,000	21	36.8	- 2.3	69	11	17	13	36	0.82	- 1.09	0.22	0.5	10	10	8	12	sw.	Dr. H. R. Ainsworth.	
Albany.....	Albany.....	97	90	37.6	- 0.8	65	12	20	17	35	1.51	- 1.29	0.63	2.0	13	6	11	13	s.	U. S. Weather Bureau.	
Alfred.....	Allegany.....	1,976	16	.....	.....	65	10†	17	22	22	- 0.67	0.49	2.3	13	.....	.....	.....	.....	.....	Emery Elwood.
Amsterdam.....	Montgomery.....	277	7	33.8	.....	68	12	12	17†	24	2.26	.....	0.53	5.0	12	8	9	13	w.	E. C. Brooks.
Athens.....	Greene.....	90	9	38.6	.....	65	12	20	17	40	1.75	.....	0.62	2.0	6	4	10	16	nw.	George R. Schaubert.
Ballston Lake.....	Saratoga.....	400	7	35.6	.....	64	12	15	17	31	2.13	.....	0.67	3.8	13	6	8	16	w.	Dr. L. Rosenberg.
Bedford.....	Westchester.....	450	20	39.0	- 2.2	67	12	17	23	34	1.45	+ 0.48	1.30	1.0	11	17	7	6	.....	U. S. Weather Bureau.
Binghamton.....	Broome.....	875	20	35.8	- 1.8	66	11	19	13	39	1.07	- 1.20	0.33	1.3	11	2	5	23	nw.	L. W. Griswold.	
Buckville.....	Madison.....	1,350	14	31.8	- 2.5	62	11	4	17	29	2.63	- 0.32	0.38	13.5	17	4	6	20	.....	Thomas Manning.
Boyds Corners.....	Putnam.....	560	29	.....	.....	.....	.....	.....	.....	4.34	+ 0.72	.....	.....	.....	.....	.....	.....	.....	Do.	
Carmel.....	.....	500	19	36.0	- 3.6	64	13	15	30	40	4.19	+ 0.68	1.17	3.0	10	16	5	9	nw.	Morton R. Tauk.
Chatham.....	Columbia.....	470	10	36.8	- 0.3	66	12	16	17	31	1.70	- 0.19	0.50	3.0	11	7	11	12	s.	Miss Elizabeth C. Keese.	
Cooperstown.....	Otsego.....	1,250	57	33.2	- 1.8	63	12	8	17	33	3.33	+ 0.29	0.70	6.0	16	11	10	9	s.	A. M. Hollister.	
Corinth.....	Saratoga.....	542	9	.....	.....	.....	.....	.....	.....	3.09	.....	0.75	.....	.....	8	.....	.....	.....	F. G. Baker.	
Cortland.....	Cortland.....	1,129	49	35.8	- 0.4	65	11†	12	13	43	2.56	- 0.58	0.76	4.5	17	4	5	21	nw.	William A. Fleet.	
Cutchogue.....	Suffolk.....	32	34	42.0	- 1.1	63	7†	24	14†	24	8.28	+ 5.59	1.75	0	11	9	16	5	nw.	B. D. Crandall.	
De Ruyter.....	Madison.....	1,300	8	32.7	.....	65	11	4	17	35	2.28	.....	0.63	7.8	13	9	5	16	.....	H. Taber.
Easton.....	Washington.....	21	.....	.....	.....	.....	.....	.....	.....	2.03	- 0.61	0.56	5.0	6	.....	.....	.....	.....	.....
Glens Falls.....	Warren.....	340	20	35.2	- 1.1	65	12	11	17	28	2.62	- 0.55	0.67	4.3	12	3	5	22	w.	Prof. C. L. Williams.	
Gloversville.....	Fulton.....	850	19	32.6	- 2.1	62	10	17	40	3.46	+ 0.17	0.52	11.8	17	5	15	10	10	w.	W. L. McLean.	
Greenfield Center.....	Saratoga.....	314	13	34.4	- 1.4	63	12	8	17	29	2.26	- 0.20	0.40	5.0	13	6	10	14	sw.	S. E. Darrow.	
Greenwich.....	Washington.....	425	14	35.8	- 0.3	66	13	9	17	43	2.62	+ 0.06	0.60	6.0	0	11	15	10	s.	Homer J. Whitcomb.	
Griffis Corners.....	Delaware.....	2,260	11	34.7	+ 0.4	64	11	10	17	31	2.41	- 0.10	0.51	9.7	7	9	9	12	w.	Harold O. Judd.	
Haskinville.....	Steuben.....	16	.....	.....	.....	.....	.....	.....	.....	1.86	- 0.56	0.50	3.8	14	.....	.....	.....	.....	.....	W. G. Collins.
Homer.....	Cortland.....	20	33.7	- 2.5	64	11	12	23	30	2.23	.....	0.56	8.3	15	7	2	21	nw.	Charles C. Mortimer.	
Hoosic Falls.....	Rensselaer.....	410	9	.....	.....	.....	.....	.....	.....	2.30	.....	0.49	4.0	15	15	4	11	w.	Sanford L. Cluett.	
Indian Lake.....	Hamilton.....	1,705	12	29.2	- 3.4	60	12	1	23	38	4.40	+ 1.64	1.00	35.0	11	12	6	12	n.	Lester Severie.	
Jeffersonville.....	Sullivan.....	1,240	8	35.3	.....	68	11	12	17†	32	2.95	.....	0.85	5.0	9	7	18	5	se.	Charles Wilfert, jr.
Liberty.....	.....	2,360	29	29.4	- 5.9	60	12	14	16†	45	3.45	+ 0.13	1.60	4.5	4	10	20	nw.	Dr. H. M. King.	
Little Falls.....	Herkimer.....	924	13	32.5	- 2.7	64	11†	16	17	36	1.49	- 1.26	2.27	8.0	11	7	10	13	w.	O. J. Demster.	
Mohonk Lake.....	Ulster.....	1,245	15	36.4	- 5.3	56	7	19	17	21	1.56	- 1.20	1.10	3.5	6	13	3	14	nw.	O. K. Smiley.	
Morehouseville.....	Hamilton.....	1,697	3	28.4	.....	61	11	- 1	17	37	7.04	.....	0.97	48.2	18	12	5	13	w.	Theo. C. Remonda.
Morrisville.....	Madison.....	1,325	0	33.5	.....	64	12	2	17	42	2.01	.....	0.80	5.5	9	5	7	18	sw.	Prof. I. M. Charlton.
Mount Hope.....	Westchester.....	200	14	40.6	- 0.6	65	11	18	25	33	5.85	+ 2.88	1.75	3.0	7	8	15	7	.....	W. A. Cornelius.
Newark Valley.....	Tioga.....	825	24	.....	.....	.....	.....	.....	.....	0.91	- 1.49	0.38	2.0	4	.....	.....	.....	.....	.....	Lyman D. Clinton.
New Berlin.....	Chenango.....	4	.....	.....	.....	.....	.....	.....	.....	2.80	.....	0.52	.....	.....	11	.....	.....	.....	.....	Roger Greene.
Newcomb.....	Essex.....	1,600	0	32.6	.....	60	11	- 2	26	34	2.34	.....	0.70	.....	.....	.....	.....	.....	.....	Edward Spain.
New Lisbon.....	Otsego.....	1,234	21	32.0	- 2.1	65	12	2	17	39	2.53	+ 0.01	0.60	5.0	10	5	2	23	sw.	G. A. Yates.	
New York City.....	New York.....	314	86	41.4	- 2.6	68	12	24	13	36	4.22	+ 0.78	1.42	1.74	8	11	11	11	nw.	U. S. Weather Bureau.	
North Creek.....	Warren.....	1,002	3	32.7	62	12	12	19†	32	2.47	1.10	10.0	11	5	6	17	w.	W. G. Kenwell.
Northville.....	Fulton.....	742	9	.....	.....	.....	.....	.....	.....	3.75	.....	0.90	10.0	11	11	7	5	18	.....	P. C. Picard.
Oneonta.....	Otsego.....	1,112	17	35.4	- 2.8	65	12	13	17	32	1.61	- 1.05	0.49	3.2	11	7	5	18	w.	H. W. Lee.	
Oxford.....	Chenango.....	916	46	35.8	- 0.1	63	11	10	17	32	2.27	- 0.51	0.50	5.0	9	3	12	15	nw.	J. P. Davis.	
Oyster Bay.....	Nassau.....	40	7	43.8	.....	68	13	24	14	42	3.78	.....	1.15	0	6	20	3	7	sw.	Prof. Thomas Colby.
Port Jervis.....	Orange.....	470	27	36.7	- 2.0	65	12	15	23	28	2.78	- 0.19	0.66	4.0	11	11	9	10	w.	Wilbur F. Crane.	
Rome.....	Oneida.....	445	15	33.2	- 2.9	68	11	2	17	44	3.38	- 0.66	0.98	16	.....	.....	.....	.....	.....	John O'Mara.
Salisbury.....	Herkimer.....	1,526	14	29.6	- 5.0	62	11	4	17	28	4.88	+ 1.56	1.04	19.0	14	9	12	9	w.	Joseph Ryan.	
Scarsdale.....	Westchester.....	200	7	39.4	.....	67	12	20	23†	26	6.41	.....	2.30	2.0	9	17	7	6	nw.	C. H. Wilmarth.
Setauket.....	Suffolk.....	40	26	42.4	- 1.7	68	12	25	23	55	6.95	+ 3.10	1.43	T.	10	13	9	8	w.	Selah B. Strong.	
Sherburne.....	Chenango.....	4	.....	.....	.....	.....	.....	.....	.....	1.20	.....	0.45	4.5	4	.....	.....	.....	.....	.....	E. B. Collins.
Southampton.....	Suffolk.....	36	10	43.1	- 1.7	63	12	22	23	33	8.63	+ 6.02	1.98	0	13	5	21	4	nw.	W. L. Jagger.	
Southeast Reservoir.....	Putnam.....	310	6	.....	.....	.....	.....	.....	.....	3.93	+ 0.57	.....	.....	.....	.....	.....	.....	.....	.....	Thomas Manning.
Spier Falls.....	Saratoga.....	400	10	33.7	.....	59	7†	10	17	27	2.55	.....	0.42	4.0	10	5	14	11	sw.	George E. Fifield.
Trenton Falls.....	Oneida.....	751	8	.....	.....	.....	.....	.....	.....	5.01	.....	0.92	.....	18	.....	.....	.....	.....	.....	C. W. Young.
Tribe Hill.....	Montgomery.....	268	8	.....	.....	.....	.....	.....	.....	1.80	.....	0.40	6.0	7	.....	.....	.....	.....	.....	R. S. Marshall.
Utica.....	Oneida.....	537	45	.....	.....	.....	.....	.....	.....	3.27	- 0.64	0.74	.....	12	.....	.....	.....	.....	.....	W. E. Young.
Wading River.....	Suffolk.....	112	5	.....	.....	69	12	16	13	30	8.96	.....	1.94	0.11	17	10	3	14	w.	H. B. Fullerton.
Wappingers Falls.....	Dutchess.....	110																			

TABLE 1.—Climatological data for November, 1911. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmeasured).	Number of rainy days 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Pennsylvania—Contd.																				
Montrose.	Susquehanna.	1,658	7	35.6	.....	65	12	15	25†	31	1.85	.....	0.55	4.4	6	12	7	11	s.	Silas Jagger.
New Germantown.	Perry.	873	7	39.4	.....	65	11	17	13	31	2.20	0.80	0.8	5	15	0	15	w.	Ed. C. Johnston.	
Philadelphia (1).	Philadelphia.	117	40	43.5	- 1.4	71	12	26	13	43	5.58	+ 2.52	1.31	T.	11	7	11	12	nw.	U. S. Weather Bureau.
Pocono Lake.	Monroe.	1,662	9	34.1	.....	60	12	9	23	36	2.48	.....	0.60	6.0	7	7	0	23	w.	Pocono Lake Ice Co.
Reading.	Berks.	280	38	40.2	- 2.2	67	11	22	13	41	3.58	+ 0.52	0.89	1.8	10	7	11	12	nw.	Emil L. Nuebling.
Scranton.	Lackawanna.	805	11	38.0	- 1.1	66	11	21	13	39	1.86	- 0.43	0.64	3.4	8	1	12	17	s.	U. S. Weather Bureau.
Selinsgrove.	Snyder.	455	23	38.9	- 2.7	61	11†	18	13†	43	2.11	- 0.72	0.86	2.0	10	0	25	5	sw.	J. M. Boyer, C. E.
State College.	Center.	1,191	23	36.5	- 3.0	64	11	13	13	39	2.28	- 0.33	0.69	1.5	12	.....	.....	w.	Prof. Wm. Frear.	
Towanda.	Bradford.	754	16	36.8	- 2.2	65	11	19	13†	30	0.99	- 1.15	0.26	T.	8	4	11	15	nw.	Hiram E. Bull, C. E.
Wellsboro.	Tioga.	1,327	34	35.5	- 2.2	63	11	15	13	32	1.92	- 1.13	0.53	T.	11	4	14	5	w.	O. L. White.
West Chester.	Chester.	455	57	40.6	- 2.1	67	12	21	13	36	4.84	+ 1.02	1.12	0.1	13	12	6	12	w.	J. C. Green, D. D. S.
Williamsport.	Lycoming.	530	21	38.6	- 1.7	58	11	18	13	25	1.82	- 0.46	0.65	0.7	9	13	5	12	nw.	Henry H. Guise.
New Jersey.																				
Ashbury Park.	Monmouth.	22	23	43.6	- .6	67	7	23	14	40	5.57	+ 2.30	1.30	T.	11	8	12	10	nw.	B. H. Obert.
Atlantic City.	Atlantic.	16	38	44.0	- 1.5	66	7	24	14†	58	5.86	+ 2.63	1.29	0	13	9	11	10	nw.	U. S. Weather Bureau.
Bayonne.	Hudson.	50	21	42.2	- .8	73	12	24	14†	59	5.29	+ 1.76	1.62	1.0	10	8	11	11	w.	Erskine R. Eadie.
Belfidere.	Warren.	289	20	39.5	- 1.7	68	12	19	13	32	5.03	+ 1.54	1.60	5.0	9	9	11	11	.....	Samuel J. Hixson.
Bergen Point.	Hudson.	37	14	41.5	- 1.5	71	12	22	23	30	5.39	+ 1.81	1.63	0.5	11	8	10	12	nw.	Dr. Wm. H. Mitchell.
Boonton.	Morris.	413	21	42.1	.....	70	7†	22	23	32	4.92	+ 1.25	1.42	4.0	10	.....	.....	.....	Foster Peet.	
Bridgeton.	Cumberland.	30	30	43.6	- 1.3	70	7†	22	23	32	5.18	+ 1.92	1.10	0	9	9	10	9	nw.	Henry A. Jorden.
Burlington.	Burlington.	12	27	.....	.....	70	7	20	23	32	6.41	+ 2.67	1.83	0	9	8	12	10	nw.	D. S. B. McCoy.
Carter.	Salem.	24	17	.....	.....	70	7	20	23	32	5.07	+ 1.74	1.03	0	8	10	9	11	.....	John H. Maskell.
Cape May City.	Cape May.	17	27	45.0	- 2.4	63	12	26	14	30	5.93	+ 2.71	1.61	0	15	7	14	9	nw.	U. S. Weather Bureau.
Charlotteburg.	Passaic.	719	19	37.8 ^a	- 2.7	66 ^a	12	15 ^a	23	44 ^a	5.10	.....	1.45	4.0	10	8	11	11	nw.	George S. Briggs.
Chatham.	Morris.	234	9	43.5	.....	72 ^a	11	20 ^a	23	41 ^a	5.10	.....	2.5	10	.....	.....	.....	.....	M. A. Butler.	
Clayton.	Gloucester.	128	18	43.5 ^a	+ .1	72 ^a	11	20 ^a	23	41 ^a	5.10	.....	0	8	13	9	11	nw.	William T. Farley.	
College Farm.	Middlesex.	100	16	41.6	- 1.9	72	12	19	23	44	4.60	+ 1.13	1.15	1.0	9	10	10	10	nw.	George B. Thrasher.
Culvers Lake.	Sussex.	848	10	.....	.....	70	12	19	23	44	3.63	+ 0.81	0.90	4.0	9	7	13	10	w.	Brice E. Riker.
Dover.	Morris.	600	27	37.0	- 3.3	65	12	17	23	29	4.91	+ 1.28	1.32	3.7	8	5	13	12	.....	William C. Harris.
Elizabeth.	Union.	33	32	41.4	- 2.2	71	12	20	23	26	5.21	+ 1.87	1.50	2.0	9	9	11	10	w.	William M. Oliver.
Flemington.	Hunterdon.	187	23	40.7	- 2.1	70	12	20	23	37	4.84	+ 1.49	1.37	3.0	8	10	12	10	nw.	Hiram E. Deats.
Haddonfield.	Camden.	75	24	42.1	- .5	70	12	21	23	32	6.36	+ 3.04	1.58	0	12	8	12	10	nw.	Charles F. Richardson.
Hammonston.	Atlantic.	103	13	.....	.....	70	12	19	23	34	5.71	+ 1.99	1.20	0	11	.....	.....	.....	Orville Bassett.	
Hightstown.	Mercer.	119	19	41.9	- 1.7	73	12	19	23	44	5.41	+ 1.75	1.33	0	8	7	12	11	nw.	Ernst Wenger.
Highwood.	Bergen.	90	22	42.3	.....	72	12	18	23	40	5.40	.....	1.32	2.0	9	7	13	10	nw.	Charles J. Bates.
Indian Mills.	Burlington.	76	22	42.3	- 1.1	72	12	16	23	45	5.58	+ 1.98	1.28	T.	11	7	12	11	nw.	James Armstrong.
Jersey City.	Hudson.	15	13	42.0	- 1.6	70	12	25	13†	28	5.23	+ 1.83	1.48	1.0	10	8	12	10	nw.	Samuel K. Pearson, Jr.
Lakewood.	Ocean.	54	9	42.0	.....	70	12	19	23	31	5.46	.....	1.27	0	12	7	10	13	nw.	Ralph Robertson.
Lambertville.	Hunterdon.	95	25	41.6	- 1.4	70	12	20	23	45	5.57	+ 1.96	1.46	1.5	8	8	11	11	nw.	William R. Bowne.
Layton.	Sussex.	550	12	37.0	- 1.4	65	12	13	23	34	4.95	.....	1.45	4.5	10	8	10	12	n.	Warren C. Hursh.
Little Falls.	Passaic.	175	8	42.3	.....	68	12	22	14†	43	5.89	.....	1.45	3.8	9	.....	.....	.....	A. Sweetman.	
Long Branch.	Monmouth.	30	4	43.6	.....	68	12	22	14†	43	4.55	.....	1.33	T.	10	8	13	9	nw.	Benjamin B. Bobbitt.
Mahwah.	Bergen.	312	9	.....	.....	68	12	22	23	32	5.17	.....	1.25	3.0	8	.....	.....	.....	Charles L. Barker.	
Moorestown.	Burlington.	71	49	42.5	- .5	71	12	20	23	33	5.86	+ 2.44	1.28	T.	11	7	12	11	nw.	John C. Beans.
Newark.	Union.	140	68	41.8	- 1.1	73	12	23	23	32	6.34	+ 2.84	2.72	3.5	9	9	11	12	nw.	Prof. William Wiener.
New Brunswick.	Middlesex.	61	58	41.8 ^a	- 1.8	72 ^a	12	18 ^a	23	34 ^a	4.07	+ 1.48	1.25	1.0	9	9	10	11	nw.	William T. Woerner.
Newton.	Sussex.	678	32	.....	.....	66	12	20	23	32	3.17	+ 0.23	1.05	5.5	8	10	8	12	w.	F. Vernon Losee.
Northfield.	Atlantic.	4	.....	.....	.....	70	12	19	23	34	5.61	.....	1.23	0	14	.....	.....	.....	William L. Flick.	
Paterson.	Passaic.	80	40	40.4	- 2.9	72	12	20	23	43	4.97	+ 1.71	1.45	2.4	9	7	12	11	nw.	Heber A. Probert.
Phillipsburg.	Warren.	363	14	38.6	- 3.0	67	12	20	23	40	4.25	+ 0.97	1.34	6.0	9	8	13	9	w.	D. W. Smith.
Plainfield.	Union.	100	25	40.6	- 1.4	73	12	19	23	32	4.24	+ 0.70	1.38	1.5	8	10	9	11	nw.	John Neagle.
Pleasantville.	Atlantic.	26	13	.....	.....	70	12	19	23	32	5.91	+ 2.55	1.36	0	12	9	10	11	.....	Lincoln Van Gilder.
Pompton Plains.	Morris.	195	9	.....	.....	70	12	19	23	32	4.69	.....	1.32	4.0	10	.....	.....	.....	M. S. Taylor.	
Somerville.	Somerset.	78	28	40.6	- 1.6	72	12	19	23	32	5.00	+ 1.61	1.27	2.0	11	8	9	13	w.	Peter Hardcastle.
South Orange.	Essex.	200	41	40.2 ^a	- 1.4	71	12	21	23	31	5.09	+ 1.72	1.57	2.0	9	9	10	11	w.	Dr. William J. Chandler.
Sussex.	Sussex.	442	21	38.4	- 2.1	70	11	18	23	32	3.71	+ 0.65	0.95	3.0	9	11	8	11	nw.	George Dymock.
Tuckerton.	Ocean.	23	18	42.1	- 1.9	68	7	18	17	35	6.50	+ 3.04	1.32	0	13	9	12	9	nw.	Frank R. Austin.
Woodbine.	Cape May.	43	20	43.2 ^d	- .8	.....	.....	18 ^d	23	33 ^d	5.16	+ 2.01	1.24	0	9	9	12	8	.....	W. S. Tarbox.
West Virginia.																				
Bayard.	Grant.	2,500	10	36.0	- 1.8	72	11	7	13	45	2.76	+ 0.44	0.94	8.8	12	12	3	15	w.	Solomon Clark.
Burlington.	Mineral.	875	17	39.3	- 2.6	73	11	16	13	40	1.45	- 0.41	1.00	T.	2	7	16	7	nw.	J. W. Vandiver.
Franklin.	Pendleton.	5	.....	.....	.....	64	12	14	13	30	1.95	.....	0.90	T.	5	15	7	8	w.	A. A. Martin.
Lost City.	Hardy.	435	19	40.9	- 1.9	69	11	18	13†	30	2.20	+ 0.03	1.05	0	6	16	8	6	nw.	B. D. Hinegardner.
Martinsburg.	Hardy.	900																		

TABLE 1.—*Climatological data for November, 1911. District No. 1—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.				
				Mean.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Greatest in 24 hours.	Total snowfall (unmeasured).	Number of rainy days, 0.01 inch or more.							
<i>Maryland—Contd.</i>																				
Laurel.....	Prince Georges.....	150	17	41.8	-3.2	71	12	19	23	32	4.55	+ 1.97	1.00	0	9	5	18	7	Dr. T. M. Baldwin.	
Leonardtown.....	St. Marys.....	100	1	45.6	.....	67	7†	24	13	34	4.78	.....	1.71	0	10	17	7	6	Brother Fidelis.
Monrovia.....	Frederick.....	630	24	41.2	-2.3	68	11	18	13	27	3.44	-0.03	0.60	T.	11	15	2	13	J. H. Lawson.	
Pocomoke City.....	Worcester.....	37	18	46.8	-3.2	70	12	27	14†	28	5.30	+ 2.95	1.14	0	13	14	10	6	Hon. R. M. Stevenson.	
Porto Bello.....	St. Marys.....	38	6	45.5	.....	82	18	20	14	42	6.40	.....	1.80	T.	6	22	1	7	Mrs. Clara C. Hyatt.
Princess Anne.....	Somerset.....	17	18	43.4	-3.0	70	12	21	23	36	5.37	+ 3.11	1.43	0	10	7	15	J. R. Stewart.		
Rockville.....	Montgomery.....	421	4	42.6	.....	68	7†	20	13	28	3.81	.....	1.12	T.	10	13	3	14	Dr. George E. Lewis.
Salisbury.....	Wicomico.....	23	6	45.9	.....	72	12	22	14	42	8.85	.....	1.94	0	14	10	17	3	W. E. Downing.
Solomons.....	Calvert.....	20	20	46.4	-2.2	69	12	25	13	31	3.12	+ 0.93	0.92	T.	11	6	11	13	Dr. W. H. Marsh.	
State Sanatorium.....	Frederick.....	1,460	3	39.1	.....	66	11	14	13	27	2.67	.....	0.82	T.	9	10	9	11	Joseph V. Shimnek.
Sudlersville.....	Queen Anne.....	65	12	43.6	-2.3	69	12	23	23	29	5.67	+ 3.12	1.21	0	12	9	13	Jas. E. Higman.		
Takoma Park.....	Montgomery.....	320	13	41.6	-3.1	68	11†	22	13†	29	4.10	+ 2.01	1.05	T.	12	3	20	7	L. M. Mooers.	
Taneytown.....	Carroll.....	450	12	41.0	-2.5	66	11	19	13	33	3.43	+ 0.51	0.89	0	6	12	14	4	James B. Galt.	
Towson.....	Baltimore.....	465	3	42.0	.....	67	11†	20	13†	26	4.20	.....	1.24	T.	9	12	5	13	C. W. E. Treadwell.
Van Bibber.....	Harford.....	100	14	42.6*	-1.4	69	12	21*	23	34*	4.58	+ 1.48	2.00	0	4	2*	19*	8*	W. Benjamin Ford.	
Westernport.....	Allegany.....	1,000	17	40.8	-1.2	73	11	15	13	36	2.03	+ 0.23	1.35	0.2	4	.....	.....	.....	Prof. O. H. Bruce.
Westminster.....	Carroll.....	860	18	41.0*	-0.9	68*	11	17*	13	29*	2.84	-0.52	0.94	T.	9	17*	5*	7*	Prof. Geo. F. Morelock.	
Woodstock.....	Baltimore.....	392	37	44.5	+ 1.7	69	12	20	13	34	5.93	+ 2.05	0.90	T.	16	10	6	14	Rev. James F. Dawson, S. J.	
<i>Delaware.</i>																				
Delaware City.....	New Castle.....	20	9	43.8	.....	71	12	23	13	32	4.50	.....	1.16	0	8	17	6	7	H. Morton Price.
Dover.....	Kent.....	40	23	44.4	+ 1.1	72	12	24	13†	31	5.20	+ 1.80	1.21	0	7	14	10	6	Thomas F. Dunn.	
Milford.....	do.....	20	27	45.4	-0.1	72	12	23	23	45	5.77	+ 2.63	1.52	0	13	13	9	8	Chas. J. Holzmueller.	
Millsboro.....	Sussex.....	20	19	44.2	-2.3	71	12	20	23	36	6.16	+ 3.49	1.80	0	12	14	8	8	Rev. L. W. Wells.	
Seaford.....	do.....	40	18	45.5	-0.7	71	12	23	14†	44	4.91	+ 2.27	1.30	0	13	16	6	8	E. B. Brown.	
<i>District of Columbia.</i>																				
Washington.....	Dist. of Columbia.....	112	41	42.8	-2.2	70	12	22	13	42	3.85	+ 1.14	0.95	T.	9	8	11	11	nw.	U. S. Weather Bureau.
<i>Virginia.</i>																				
Culpeper.....	Culpeper.....	450	3	41.4	67	7	20	13†	32	3.19	1.14	0	8	10	13	7	nw.	Col. H. C. Burrows.
Dale Enterprise.....	Rockingham.....	1,350	32	40.0	-3.8	69	12	12	13	40	2.79	+ 0.63	1.50	T.	10	8	13	9	s.	Rev. L. J. Heatwole.
Eastville.....	Northampton.....	15	1	50.2	+ 0.3	75	12	26	14	40	4.91	+ 2.05	1.10	0	12	10	13	7	nw.	T. B. Robertson.
Fredericksburg.....	Spotsylvania.....	100	22	46.4	-0.1	73	12	21	13	35	4.12	+ 1.84	1.14	0	9	14	8	8	nw.	S. G. Howison.
Lincoln.....	Loudoun.....	500	10	42.0	-2.2	68	2†	18	13	36	2.89	+ 1.04	1.48	T.	9	12	8	10	nw.	Dr. Geo. Roberts.
Mount Weather.....	do.....	1,726	7	37.5	-2.9	61	11	13	13	42	2.43	-0.43	0.97	T.	10	8	8	14	nw.	U. S. Weather Bureau.
Oanacock.....	Accomac.....	20	14	42.6	-2.1	66	8	21	13	35	2.20	5.24	0	13	14	4	12	nw.	S. F. Rogers.
Quantico.....	Prince William.....	16	14	42.6	-2.1	66	8	21	13	31	2.73	+ 0.59	1.32	T.	9	14	6	10	nw.	E. F. & P. R. R.
Staunton.....	Augusta.....	1,380	19	42.5	-2.9	72	11	16	13	38	2.08	+ 0.19	0.95	T.	8	13	9	8	w.	Ernest Notnagle.
Woodstock.....	Shenandoah.....	927	15	41.9	-2.8	74	11	16	13	38	2.08	+ 0.19	0.95	T.	8	13	9	8	w.	Mrs. A. G. Artz.

*, b, c, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—Daily precipitation for November, 1911. District No. 1, North Atlantic States.

Stations.	Watershed.	Day of month.																													Total.					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
<i>Maine.</i>																																				
Ashland.	St. John.																																			
Bar Harbor.	Coast.	.05	.15					.10	.30			.05			.20	.160	T.		.90			.20		.60	.20			.40	.90				6.65			
Cornish.	Saco.	.02	.06					.56	.25	T.		.03			.46	T.		.90			.58			.45			.48					3.78				
Danforth.	Penobscot.	.05							.40	.10			T.			.50	.77			.25												4.27				
Eastport.	Coast.	.07	.17					.07	.64			T.			T.	.23	.02	.68	.01		.36			.04			.66	.27	T.		.33	.28	T.	3.83		
Eustis.	Kennebec.	.07	.06	T.					.29	.14	T.	T.	.03			.51	T.	.59	.02	T.	.35	.04	.01	T.	T.	T.	.03	T.	T.			.46	T.	2.60		
Fairfield.	do.								.54							.14			.78			.37												2.81		
Farmington.	do.	.01	.06						.77	.01						.40			.90			.40											3.40			
Gardiner.	do.	.05	.04						.71							.39			.109			.47											3.76			
Greenville.	do.	.04	T.	T.				.10	.32	.01			.12			1.18	T.	.70	T.		.33	.12				T.							3.86			
Houlton.	St. John.								.40							.70			.30			.10														
Howe Brook.	Penobscot.							1.20	.50							.85			.50														2.65			
Lewiston.	Androscoggin.	T.	.04					.06	.60							.25			1.20			.42											4.55			
Madison.	Kennebec.								.77							.46			.33	.40		.49											3.42			
Millinocket.	Penobscot.								.25	.30						.10			.67	*		.44	.03	T.									3.57			
North Bridgton.	Saco.	.20							.72							.02	T.		.31			.90											4.36			
Oquossoc.	Androscoggin.	.30							.25								.10			1.30	.20	.40	.10									3.21				
Orono.	Penobscot.	.14	.03						.33	.04						.40			.64			.45										3.55				
Patten.	do.	T.	.10						.60	T.						.02			T.	.145	.01												3.28			
Portland.	Coast.	.02	.01					.20	.47							.03			1.22			.64											4.02			
Presque Isle.	St. John.	T.	.13						.21	.39						.03			.50	T.	T.												3.51			
Rumford Falls.	Androscoggin.	T.	.50						1.00										.95			.90											2.88			
The Forks.	Kennebec.								.50							.07			.25			.78												5.10		
Winslow.			.02																																3.04	
<i>New Hampshire.</i>																																				
Alstead Center.	Connecticut.	.02	.02					T.	.60			T.			T.	.43			.55	T.		.46	.02	.08			.33	T.					.01	.28	T.	2.80
Benton.	do.		.80													.08			.03			1.28	T.											3.45		
Bethlehem.	do.	.11	.03	T.					.11							.06			T.	.92		.55	.05											2.96		
Brookline.	Merrimack.	.05	T.						.85	T.						.25			.98	T.		.90											3.55			
Concord.	do.	.03	.01						.38	.24						.03			.21			.57	.02										3.03			
Durham.	do.	.06								.87									.32															3.16		
Franklin.	do.	.02							T.	.68						.05			.01	T.	.53			.81	.01								3.39			
Grafton.	do.																																			
Hanover.	Connecticut.								.07	.27	.01					.02			.24	.07		.45	.04										2.00			
Keene.	do.	T.	.01						.53							.01			.40			.65	T.	.01										2.70		
Nashua.	Merrimack.	.02	.06						.21	.53						.03			.30			.88											3.72			
Newton.	do.	.05	T.						.56	T.						.05			.43			1.07	T.										4.10			
Plymouth.		T.	T.							.69						T.	.03		.35			.64	T.										3.15			
<i>Vermont.</i>																																				
Bloomfield.	Connecticut.	.04	.01						.11	.09							.51			.43	.09		.26	.05										2.10		
Cavendish.	do.								.18	.23						.05			.45	.08		.16			.18									1.55		
Chelsea.	do.	T.							.80							.15			.35			.43												1.81		
Jacksonville.	do.		.10						.80							.25			.98	T.														1.83		
Manchester.	Hudson.	.09	T.						* 21							T.	* 51			.43			.47	T.	.02									3.51		
Pecks Pond.	Connecticut.	.10							.57	.39						.16			.66			.51			.03									3.51		
St. Johnsbury.	do.	T.	.02	T.					.20	.24						.02			.66	.03		.49	.04										2.50			
Vernon.	do.								.47	.26						.05			.37			.70			.70									3.18		
Woodstock.	do.								.58							.08			.47			.34			.02									2.31		
<i>Massachusetts.</i>																																				
Amherst.	Connecticut.	.27							.44	.23						.01			.41			.38			.40	T.									3.84	
Ashland.	Merrimack.	.05							.36							.14			.44			.86			1.02			.03						4.61		
Bakers Bridge.	do.	.30							.33							.55			.97			.94												4.14		
Bedford.	do.	.24	.04						.06							.11			.48			.96												3.90		
Blue Hill.	Coast.	.24	T.						.09	.38						.11			.60			.84	T.										5.71			
Boston.	do.								.16	.17						.09			.50			.70	T.													

TABLE 2.—*Daily precipitation for November, 1911. District No. 1—Continued.*

Stations.	Watershed.	Day of month.																													Total.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
<i>Rhode Island.</i>																																		
Block Island	Coast	1.06				.01	.46	.36	.01	.08		.45	.24	.82		.66		.01	.20		.83	.01			.86							6.06		
Bristol	do	*	.27			*	1.24			.09		.77		.1.37		*	.21			.73	.52			.88							6.85			
Greene	do		.25				.82			.14		.55		.80		.1.65																6.31		
Hope Valley	do		.85			T.	1.60			.15		.61		.90		.1.89		T.	.20			.1.80									8.48			
Kingston	do		.66				.12	1.55		.13		1.00		.08		.98		.1.62		.21	.12			.1.47							8.99			
Narragansett Pier	do	1.36	.02				.10	1.20			.07		.69		.1.03				.1.07		.15	.11			.1.04							7.32		
Pawtucket	do		.20	T.			.79			.11		.51		.72		.1.66				.10												6.28		
Providence	do		.22	T.			.25	.62		T.		.14		.38		.10		.63		T.	1.27			.02	.06							5.61		
Walton Lake	do			T.			.55					.12		.50		.85		T.				.1.50				.02						5.39		
<i>Connecticut.</i>																																		
Bridgeport	Coast	.04	T.				.19	1.05		T.		.06		.18		.08		T.	.92			.1.53		T.								5.74		
Canton	Connecticut	.02					.98			T.		.02		.37				.73				.1.15		T.								4.08		
Colchester	Coast		T.				.35	.70				.12	T.		.35				1.03				.1.88		.11							6.97		
Cream Hill	Housatonic		T.				.32	.19					.09		.29		.17		.41		.20	.1.10									4.02			
Danielson	Coast						.23						.90		.45				.70				.2.70		.10							7.23		
Falls Village	Housatonic	.14					.52	.03					.02		.59		.20		.01												3.93			
Hartford	Connecticut	.06	T.				.44	.21	T.		T.		.04		.44		.15		.67		T.	.01			.1.22							4.18		
Hawleyville	Housatonic						.19	.91					.08		.02				.85													4.47		
Lake Konomoc	Coast						.1.50												.1.20													8.40		
New Haven	do		.06	T.			1.00	.42		T.		.09		.33		.25		.58		T.	.01	.70									6.40			
New London	do						.15	.25											.50													6.52		
N. Grosvenor Dale	do		.13	.04				.20																								3.21		
Norwalk	do			.02				T.																									5.42	
Southington	do		.05																														4.35	
South Manchester	Connecticut																																4.35	
Storrs	Coast		T.					.55																									4.39	
Torrington	Housatonic	.05		T.				.60																									3.24	
Wallingford	Coast			1.23																													6.64	
Waterbury	Housatonic	.09																																4.48
West Simsbury	Connecticut		T.																															3.83
<i>New York.</i>																																		
Addison	Susquehanna	.01	.02					.13	T.		.07	T.		.18		T.		.04		.06		.22	T.		.03	T.						0.82		
Albany	Hudson	T.	.02	T.				.16	.06		T.		.02		.63		.02		.10		T.	.16	T.		.02	.05						1.51		
Alfred	Susquehanna	.01	.02																														2.22	
Amsterdam	Mohawk	.02	.07	T.																													2.26	
Athens	Hudson	T.	T.	T.																													1.75	
Bainbridge ||	Susquehanna																																1.73	
Balston Lake	Hudson	T.	.05	T.																													2.13	
Bedford	Coast																																4.15	
Binghamton	Susquehanna																																1.07	
Buckville	do		.04	.20	.10																											2.63		
Carmel ||	Hudson																																4.19	
Chatham	do																																1.76	
Cooperstown	Susquehanna																																3.33	
Corinth ||	Hudson																																3.09	
Cortland	Susquehanna	.04	.02	.02																													2.56	
Cutchogue	Coast																																8.28	
De Ruyter	Susquehanna	.01	.06																														2.28	
Easton	Hudson																																2.03	
Glens Falls	do																																2.62	
Gloversville	Monawk.	.03	T.	.03																													2.26	
Greenfield Center	Hudson																																2.62	
Griffin Corners	Delaware																																2.41	
Hancock	do																																2.09	
Haskinville	Susquehanna	.05																															1.86	
Homer	do																																2.23	
Hoosick Falls ||	Hudson																																2.30	
Indian Lake	do																																4.40	
Jeffersonville	Delaware	.15	T.																														2.95	
Knowellhurst	do																																2.66	
Liberty	Delaware</td																																	

TABLE 2.—*Daily precipitation for November, 1911. District No. 1—Continued.*

Stations.	Watershed.	Day of month.																													Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Pennsylvania.</i>																															
Altoona.	Susquehanna.	T.	T.	T.	.	.	.35	.41	T.	.	T.	.14	T.	.	.46	T.	T.	.05	.	T.	T.	.	.02	T.	T.	.	1.42				
Ansonia ||	do.	16	T.64	.	T.	.	T.	.13	.28	T.	.	.42	T.	T.	T.	.	.07	.	.	.07	T.	T.	.	1.63			
Bellefonte.	do.81	.	.03	.	.04	.39	.	.20	.	.70	.	.35	2.67		
Bethlehem.	Lehigh.	T.29	.34	.	.	.04	.	T.	.37	.67	2.93		
Browns Lock.	Schuylkill.	04	1.44	1.04	5.29	
Catawissa.	Susquehanna.25	2.20	
Center Hall.	do.42	T.	.	.	.02	.	.01	.33	T.	1.63		
Coatesville.	Coast.	T.8907	.69	4.36		
Doylestown.	Schuylkill.1521	3.52		
Drifton.	Susquehanna.	08	T.43	.35	.	.	.10	.	1.50	.	.30	.35	.	.80	.	.03	T.	.	.	.45	T.	.	.	.	4.56		
Emporium.	do.	.	T.75	T.	.	T.	.10	.	.35	.	.05	2.66		
Ephrata.	do.	0280	.	.	T.	.03	.	.35	.	.44	.	.69	3.37		
Everett.	Juniata.	T.	T.76	.	.	T.	.07	.	.21	T.	1.70			
Forks of Neshaminy.	Delaware.59	.77	.	.	.04	.	.61	.	.66	.	.	1.25	5.67			
George School.	.	05	32	1.33	.	.	.02	.	1.2	.	.20	.76	.09	1.10	.01	5.68			
Gettysburg.	Potomac.	T.	T.	.	.	.	.80	.26	.	.	.03	.	.05	.	.50	.	.22	.	.	.	.	.	.	.	.	.	2.77
Girardville.	Susquehanna.93	.	.	T.	.	.91	.	.52	4.11			
Gordon.	do.	1947	.42	.	.	.02	.	.96	.	.51	.	.78	.	.08	4.64			
Hamburg.	Schuylkill.55	5.42		
Hanover.	Susquehanna.	0501	.95	3.00			
Harrisburg.	do.	.	.	.	.	.	.79	.	.	T.	.02	.	.40	.	.30	.06	.	.	.	.	.	.	.	.	.	.	2.35
Huntingdon.	Juniata.	.	.	.	.	.	.60	.06	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.96
Hyndman.	Potomac.98	.	.	T.	1.82			
Kennett Square.	Coast.	.	.	.	.	.	1.25	.	.	T.	.	.08	.	.49	.	.72	.	.	.	.	.	.	.	.	.	.	5.34
Lancaster.	Susquehanna.	1103	.32	3.15			
Lansdale.	Schuylkill.57	.69	1.52			
Lebanon.	Susquehanna.	T.	.	.	.	.	.79	.	.	T.	.	.05	.	.50	.	.	.	.	.	.	.	.	.	.	.	.	2.7
Le Roy.	do.	06	.	.	.	.	.39	.15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.23
Lewisburg.	do.	.	.	.	.	.	.51	.05	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.55
Lloyd.	do.	.	.	.	.	.	.60	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.08
Lock Haven.	do.	.	.	.	.	.	.48	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.70
Marion.	Potomac.	T.	.	.	.	.	1.02	.32	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.46
Mauch Chunk.	Lehigh.	.	.	.	.	.	.53	.30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.08
Mifflintown.	Juniata.	05	.	.	.	.	.67	.01	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.87
Milford.	Delaware.	08	T.	.	.	.	.75	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.18
Monroeville.	Susquehanna.	T.	T.	.	.	.	.55	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.85
Mountain House.	Juniata.	.	.	.	.	.	.70	.08	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.79
Mount Gretna.	Susquehanna.	T.	.	.	.	.	.75	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.98
New Germantown.	do.	.	.	.	.	.	.80	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.20
Ottsville.	Delaware.	05	.	.	.	.	.45	.57	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.55
Philadelphia (1).	do.	01	.	.	.	.	021	.31	.	T.	.	.04	.	.41	.	.52	.	.26	.	.	.	.	.	.	.	.	5.58
Poconos Lake.	do.	11	.	.	.	.	.43	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.48
Point Pleasant.	do.	.	.	.	.	.	.51	.57	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.61	
Pottsville.	Schuylkill.	.	.	.	.	.	.87	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.06
Reading.	do.	T.	.	.	.	.	.74	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3.58
Renoval ||	Susquehanna.	.	.	.	.	.	.58	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.39
Scranton.	do.	T.	.	.	.	.	.24	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.86
Seisholtsville.	Schuylkill.	.	.	.	.	.	.85	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.22
Selinsgrove.	Susquehanna.	06	T.	.	.	.	.57	.29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.11	
Shawmont.	Schuylkill.	.	.	.	.	.	03	1.00	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.18	
Smiths Corners.	Susquehanna.	.	.	.	.	.	.71	.49	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.72	
Spring Mount.	do.	01	.	.	.	.	.64	.26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.07	
State College.	do.	T.	T.	.	.	.	.69	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.28	
Stroudsburg.	Delaware.	15	T.	.	.	.	.37	.39	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3.72	
Towanda.	Susquehanna.	T.	.	.	.	.	1.18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.99	
Weikert.	do.	.	.	.	.	.	.53	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.37	
Wellsboro.	do.	.	.	.	.	.	.01	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.92	
West Chester.	Coast.	.	.	.	.	.	01	1.12	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.84		
Wilkes-Barre ||	Susquehanna.	do.	.	.	.	.	.43	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.12	
Williamsport.	do.	14	T.	.	.	.	.65	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.82	
<i>New Jersey.</i>																															
Asbury Park.	Coast.	.	.	.	.	.	.12	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.57
Atlantic City.	do.	.84	.	01	.	.	.24	.60	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.36	
Bayonne.	do.	T.	.	.	.	.	.58	1.04	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.29		
Belvidere.	Delaware.	.	.	.	.	.	1.00	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.03	
Bergen Point.	Coast.	03	.	.	.	.	.60	1.03	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.39	
Boonton.	Passaic.	.	.	.	.	.	1.40	.02	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.92		
Bridgeton.	Coast.	.	.	.	.	.	.08	.80	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.18		
Burlington.	Delaware.	.	.	.	.	.	1.40	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6.41		
Canton.	Coast.	.	.	.	.	.	.85	.	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.07	
Cape May City.	do.	10	.	12	.	.	.57	.17	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.93		
Chatham.	Passaic.	T.	.	.	.	.	1.45	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.10		
College Farm.	Coast.	.	.	.	.	.	.33	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.60		
Culver Lake.	Delaware.	14	T.	.	.	.	.82	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3.63			
Dover.	Passaic.	.	.	.	.	.	1.15	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.91			
Elizabeth.	Coast.	.	.	.	.	.	1.29	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.21			
Flemington.	do.	.	.	.	.	.	.04	.98	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	4.84				
Haddonfield.	Delaware.	.	.	.	.	.	.08	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	6.36				
Hammonton.	Coast.	.	.	.	.	.	.85	.	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.71				
Hightstown.	Delaware.	.	.	.	.	.	.83	.50	T.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.41				
Highwood.	Coast.	.	.	.	.	.	1.42	.	T.	.	.																

TABLE 2.—*Daily precipitation for November, 1911. District No. 1—Continued.*

Stations.	Watershed.	Day of month.																													Total.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
<i>New Jersey—Contd.</i>																																		
Sussex.....	Hudson.....	.13																																3.71
Tuckerton.....	Coast.....	.22																															6.50	
Woodbine.....	do.....																																5.16	
<i>West Virginia.</i>																																		
Bayard.....	Potomac.....	.07																															2.76	
Burlington.....	do.....		T.		T.																											1.45		
Harpers Ferry |||	do.....																															1.93		
Lost City.....	do.....																															1.95		
Martinsburg.....	do.....																															2.20		
Moorefield.....	do.....																															1.27		
Romney |||	do.....		T.	T.	T.																											2.19		
Upper Tract.....	do.....																															1.51		
<i>Maryland.</i>																																		
Annapolis.....	Coast.....																															2.61		
Baltimore.....	do.....	.01	T.		.04	T.	1.35																								4.28			
Cambridge.....	do.....																															5.55		
Cheltenham.....	do.....																															4.86		
Chestertown.....	do.....																															5.23		
Chewsville.....	Potomac.....																															2.25		
Clear Spring.....	do.....																															2.63		
Coleman.....	do.....	.04																														5.51		
College Park.....	do.....																															4.59		
Cumberland.....	do.....																															1.87		
Darlington.....	Coast.....																															4.60		
Denton.....	do.....																															4.70		
Easton.....	do.....																															4.47		
Emmitsburg.....	Potomac.....																															3.71		
Fallston.....	Coast.....	.02																														4.55		
Frederick.....	Potomac.....																															3.11		
Frostburg.....	do.....	.01	T.																													2.49		
Great Falls.....	do.....																																	
Green Spring Furnace.....	do.....																															2.48		
Keedysville.....	do.....	.05	T.																													2.23		
Lake Montebello.....	Coast.....																															4.44		
La Plata.....	do.....																																	
Laurel.....	do.....																															4.55		
Leonardtown.....	do.....	.01																														4.78		
Monrovia.....	Potomac.....	.04	T.																													3.44		
Pocomoke City.....	Coast.....	.11																														5.30		
Porto Bello.....	do.....																															6.40		
Princess Anne.....	do.....	.14																														5.37		
Rockville.....	Potomac.....	.01																														3.81		
Salisbury.....	Coast.....	.21																														8.85		
Solomons.....	do.....	.02	T.																													3.12		
State Sanatorium.....	Potomac.....																															2.67		
Sudlersville.....	Coast.....	.06																														5.67		
Takoma Park.....	do.....	.01	T.																													4.10		
Taneytown.....	do.....																															3.43		
Towson.....	do.....																															4.20		
Van Bibber.....	do.....																															4.58		
Westernport.....	Potomac.....	.08			T.																											2.03		
Westminster.....	Coast.....	.08			T.																											2.84		
Woodstock.....	do.....	.18			T.																											5.93		
<i>Delaware.</i>																																		
Delaware City.....	Coast.....																															4.50		
Dover.....	do.....		T.																												5.20			
Milford.....	do.....																															5.77		
Millsboro.....	do.....	.50	T.																													6.16		
Seaford.....	do.....	.04	.01																													4.91		
<i>District of Columbia.</i>																																		
Washington.....	Coast.....																															3.85		
<i>Virginia.</i>																																		
Culpeper.....	Rappahannock.....																															3.19		
Dale Enterprise.....	Shenandoah.....	.01	T.																													2.79		
Doswell.....	Pamunkey.....																																	
Eastville.....	Coast.....	.30			T.																											4.91		
Fredericksburg.....	Rappahannock.....																																	

TABLE 3.—*Maximum and minimum temperatures for November, 1911. District No. 1, North Atlantic States.*

Date.	Maine.										Massachusetts.								Connecticut.				Cream Hill.		Hartford.			
	Eastport.		Greenville.		Orono.		Portland.		Presque Isle.		Rumford Falls.		Concord, N. H.		Amherst.		Boston.		Middleboro.		Nantucket.		Providence, R. I.		Cream Hill.		Hartford.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1...	50	32	43	26	50	33	49	25	.....	.....	44	36	48	35	52	35	59	39	58	45	56	46	56	39	50	36	58	38
2...	32	22	29	19	37	33	39	24	.....	.....	37	24	41	23	43	27	46	29	47	31	48	30	46	27	44	24	45	30
3...	33	21	32	18	48	19	42	24	.....	.....	36	23	43	22	44	26	47	28	46	19	45	20	45	26	42	22	44	27
4...	47	31	44	22	48	20	48	29	.....	.....	44	25	48	23	51	25	52	34	51	26	53	37	52	33	45	25	49	32
5...	48	35	43	21	49	21	50	34	.....	.....	48	24	53	25	55	28	50	37	57	29	51	43	54	34	54	24	54	32
6...	46	38	44	20	48	19	50	32	.....	.....	45	22	49	24	49	26	53	37	54	24	54	45	54	33	46	34	54	32
7...	55	45	52	33	59	36	64	47	.....	.....	56	40	62	47	62	39	65	48	63	46	59	51	63	49	57	37	63	43
8...	48	41	40	35	59	39	50	39	.....	.....	44	40	48	39	50	36	52	42	59	43	53	45	51	41	47	33	51	43
9...	42	36	36	32	48	36	45	34	.....	.....	44	32	45	29	52	26	49	38	51	24	51	43	50	34	44	27	48	33
10...	44	40	35	31	48	33	43	39	.....	.....	39	32	43	39	44	40	49	45	49	36	49	47	49	44	48	29	48	42
11...	56	42	54	35	55	36	57	36	.....	.....	58	36	65	33	62	36	64	44	66	32	61	46	61	41	62	34	64	36
12...	57	48	58	39	60	38	60	43	.....	.....	62	36	67	36	66	32	68	40	67	50	63	52	67	37	60	34	67	32
13...	58	26	58	21	63	26	43	25	.....	.....	34	26	36	24	32	25	40	27	64	28	52	30	37	25	34	18	33	27
14...	31	24	30	20	42	21	34	23	.....	.....	34	25	35	21	35	20	39	25	38	18	45	29	39	23	38	18	33	23
15...	52	27	30	22	38	26	43	32	.....	.....	38	27	41	28	40	31	49	37	55	32	56	40	54	34	34	26	43	31
16...	35	25	29	21	36	28	36	23	.....	.....	34	22	36	22	38	27	42	28	43	31	41	31	41	24	30	22	38	25
17...	32	20	26	12	35	18	39	19	.....	.....	29	17	34	19	40	20	43	25	43	19	46	28	42	22	32	14	41	24
18...	51	25	36	17	40	22	47	29	.....	.....	38	28	43	31	44	30	57	37	58	33	59	42	58	37	44	32	50	33
19...	41	31	35	25	41	7	41	32	.....	.....	38	34	40	33	42	35	45	38	45	36	47	39	44	34	32	26	42	37
20...	39	28	33	23	40	25	44	29	.....	.....	39	28	42	25	40	29	47	34	45	30	48	37	45	32	33	27	43	31
21...	39	29	32	17	41	26	38	30	.....	.....	38	22	39	29	40	27	42	32	39	30	43	34	41	30	34	23	40	30
22...	32	21	24	18	40	22	34	25	.....	.....	30	24	32	25	36	28	38	25	36	29	35	30	35	25	34	20	45	25
23...	41	18	34	17	37	14	41	21	.....	.....	36	21	42	21	42	18	45	26	43	17	49	28	46	24	34	17	45	23
24...	46	36	33	27	41	30	41	35	.....	.....	36	32	42	36	42	36	54	37	53	33	40	40	54	36	40	24	47	37
25...	36	18	33	13	38	23	36	24	.....	.....	34	19	37	23	36	26	38	28	45	29	30	37	27	33	22	37	25	
26...	37	17	23	8	34	15	36	24	.....	.....	30	16	39	22	42	24	44	29	45	20	45	32	45	28	36	20	43	29
27...	36	26	29	20	35	22	46	30	.....	.....	41	24	48	25	50	32	50	36	49	23	49	36	51	33	42	27	52	35
28...	52	30	36	22	45	24	51	35	.....	.....	35	23	56	25	56	32	60	40	55	26	55	41	58	37	50	31	58	35
29...	53	24	45	20	53	35	52	28	.....	.....	42	16	52	26	54	28	60	32	57	40	55	34	59	29	52	30	58	31
30...	32	22	26	12	50	18	38	24	.....	.....	34	76	36	19	39	21	41	27	40	17	40	31	40	25	32	18	39	24
Mns..	43.4	29.3	36.7	22.2	45.3	25.2	44.6	30.1	.....	.....	39.9	26.3	44.7	27.6	45.9	28.4	49.5	34.2	50.8	29.7	50.2	37.5	49.1	32.1	42.0	25.7	47.5	31.5

Date.	New Haven, Conn.										New York.										Pennsylvania.								Atlantic City, N. J.			
	Addison.		Albany.		Binghamton.		Indian Lake.		Little Falls.		New York.		Everett.		Harrisburg.		Philadelphia.		Scranton.		State College.		Wellsboro.									
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
1...	58	38	55	37	54	34	48	30	46	30	49	32	59	39	60	43	58	41	62	43	49	32	53	40	55	33	62	40				
2...	46	30	39	28	41	30	36	27	32	19	33	24	47	32	48	31	44	33	48	34	40	29	43	30	47	31	47	31				
3...	46	28	48	25	42	30	43	28	37	20	37	24	47	30	45	28	46	33	46	32	44	28	41	28	46	27	48	29				
4...	48	32	52	25	41	29	50	26	47	21	40	25	47	34	52	24	56	32	49	37	50	26	53	22	52	36	52	36				
5...	55	37	55	32	49	30	50	31	43	16	47	27	54	41	54	36	54	40	50	44	53	33	51	31	54	43	54	43				
6...	54	35	47	27	46	27	53	30	41	15	41	27	56	44	45	40	51	39	55	42	55	39	47	37	56	42	56	42				
7...	64	50	66	44	62	43	55	43	49	32	54	38	61	47	60	42	62	57	67	47	55	44	55	41	66	47	66	47				
8...	52	42	45	36	47	40	43	38	40	34	35	52	42	47	38	49	44	54	42	46	37	45	39	45	34	54	43	53	45			
9...	50	37	50	24	50	32	47	29	43	27	42	32	50	42	44	37	47	44	52	43	51	44	50	39	45	31	54	45				
10...	51	42	56	44	47	41	53	39	40	26	50	36	63	37	53	41	55	45	54													

TABLE 3.—*Maximum and minimum temperatures for November, 1911. District No. 1—Continued.*

Date.	New Jersey.								Martinsburg, W. Va. ^{§§}	Maryland.								Millsboro, Del.	Washington, D. C.	Virginia.									
	Bridgeton.		Hightstown.		Phillipsburg.		Sussex.			Baltimore.		Darling-ton.		Frederick.		Western-port.					Fredericksburg.		Staunton. ^{§§}		Woodstock.				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.				
1....	63	50	61	47	55	35	59	41	57	49	59	46	59	48	63	48	63	46	60	42	61	54	63	50	59	50			
2....	52	32	47	30	43	31	44	29	42	39	48	35	49	35	48	37	50	33	47	32	55	38	44	40	53	33			
3....	49	26	50	24	45	28	47	26	46	27	48	32	45	26	47	23	49	24	50	25	45	30	48	26	52	22			
4....	52	28	48	26	46	26	47	25	51	29	50	36	47	28	49	28	51	27	50	25	48	31	50	26	49	20			
5....	60	39	55	37	54	32	50	31	56	35	55	42	58	28	55	39	58	42	57	33	60	40	58	42	61	36			
6....	57	35	56	31	52	31	50	29	53	41	55	42	53	36	51	36	47	41	62	34	56	39	58	38	56	41			
7....	70	48	66	49	62	46	62	48	60	41	68	48	66	45	64	44	62	45	67	49	68	47	66	42	67	39			
8....	56	40	54	38	50	39	54	41	63	38	52	43	55	35	51	37	50	37	53	38	51	45	61	35	52	36			
9....	52	40	52	37	49	37	49	30	46	40	49	44	48	40	46	42	46	40	52	43	48	43	50	42	46	38			
10....	57	46	53	43	48	41	47	40	67	42	63	46	58	43	65	42	62	47	63	46	64	45	68	40	71	40			
11....	68	37	69	40	66	40	70	38	69	41	68	46	64	36	67	39	73	37	69	36	68	41	71	40	72	41			
12....	70	50	73	51	67	27	66	41	66	41	71	27	66	48	66	34	64	34	71	41	70	28	73	53	70	50			
13....	50	24	67	23	32	21	43	21	30	18	32	22	59	20	34	20	41	15	42	25	31	22	55	21	34	16			
14....	40	23	37	21	34	22	33	20	41	18	39	26	34	20	37	22	32	19	41	22	38	26	38	25	45	24			
15....	50	32	44	31	43	27	42	26	55	25	53	34	50	35	54	31	52	31	56	36	54	34	59	34	56	28			
16....	46	32	41	33	38	25	37	22	42	34	45	34	44	33	47	34	49	31	47	31	47	32	50	36	53	35			
17....	48	24	43	22	39	23	37	22	54	24	45	31	41	22	44	24	39	23	52	24	47	26	47	24	54	25			
18....	60	39	59	36	43	33	44	31	53	26	54	41	52	37	49	40	53	38	44	37	55	43	62	42	52	41			
19....	50	35	45	33	42	32	43	34	43	38	49	37	47	34	47	36	45	35	55	32	51	31	55	34	48	36			
20....	55	25	53	25	49	28	39	25	55	28	54	33	51	27	52	26	47	25	60	26	54	31	61	26	58	23			
21....	49	32	46	31	40	29	40	30	42	30	45	36	48	31	50	34	44	33	48	33	45	34	54	30	42	33			
22....	45	25	39	26	38	25	34	25	43	29	44	32	39	26	43	28	44	26	45	25	44	29	46	20	47	23			
23....	55	22	51	19	48	20	45	18	50	23	52	32	46	23	49	23	47	25	56	20	51	29	54	24	49	28			
24....	50	40	50	39	42	37	41	36	44	23	49	38	40	33	45	37	45	34	59	36	47	37	50	38	48	42			
25....	40	30	39	29	38	26	38	26	38	29	39	34	41	29	41	30	34	26	40	29	40	28	41	24	45	26			
26....	49	27	46	27	45	31	42	27	55	27	51	32	50	25	50	24	52	28	55	29	50	29	57	31	53	28			
27....	59	27	53	25	52	29	51	33	53	27	51	34	49	27	50	26	53	25	59	29	53	31	54	28	56	27			
28....	57	39	59	31	56	35	56	31	52	27	55	42	56	37	49	34	51	36	65	38	56	38	52	37	51	36			
29....	57	36	54	37	50	31	56	33	36	35	52	34	56	34	40	33	52	29	65	35	52	33	50	36	37	32			
30....	42	27	41	22	37	25	38	20	43	23	42	29	39	23	41	26	38	25	41	36	43	28	45	25	39	28			
Mns.	53.6	33.6	51.7	32.1	46.8	30.4	46.8	30.0	50.2	31.6	51.2	36.3	50.3	32.1	49.4	32.8	49.9	31.8	55.3	33.1	51.4	34.2	58.3	34.5	51.8	33.2			
																										53.0			
																										30.8			

^{a, b, c, etc.} indicate respectively 1, 2, 3, etc., days missing from the record.[§] Data are from standard instruments not supplied by the U. S. Weather Bureau.^{§§} Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.